



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Diebold, Incorporated
818 Mulberry Road S.E.
Canton, OH 44707

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "SV-5050-HW Drive-Up" Aluminum Pass-Through Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. W08-82, titled "SV-5050-HW Alum. Drive-Up Window (L.M.I.)", sheets 1 through 5 of 5, dated 09/24/08, with revision A dated 09/05/13, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 08-1020.10 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



MP
7/12/13/13

NOA No. 13-1024.01
Expiration Date: December 18, 2018
Approval Date: December 19, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No W08-82, Sheets 1 through 5 of 5, titled "SV-5050-HW Alum. Drive-Up Window (L.M.I.)", dated 09/24/08, with revision A dated 09/05/13, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a bullet resistant drive-up, aluminum fixed window, prepared by Hurricane Test Laboratory LLC, Test Report No. HTL-0084-0611-08, dated 07/31/08, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA# 08-1020.10)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004 and 2007, prepared by Al-Farooq Corporation, dated 09/19/08, signed and sealed by Humayoun Farooq, P.E.
(Submitted under previous NOA# 08-1020.10)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 12-1231.10 issued to Eastman Chemical Company (MA) for their "Saflex Clear and Color Glass Interlayers" dated 03/28/13, expiring on 05/21/16.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-1024.01

Expiration Date: December 18, 2018

Approval Date: December 19, 2013

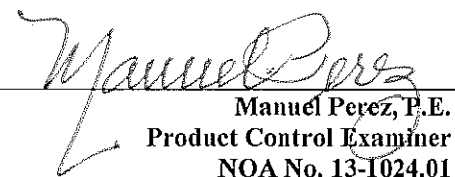
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

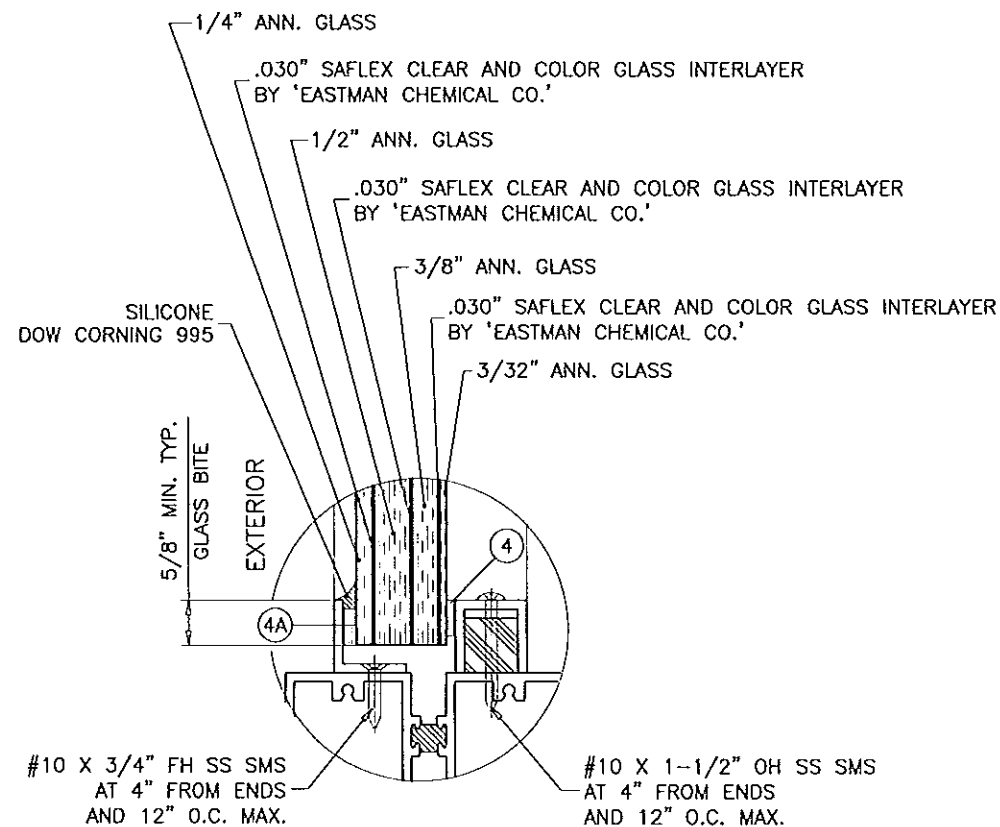
1. Statement letter of conformance, complying with **FBC-2010**, and of no financial interest, dated September 05, 2013, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance letter for Test Report no. **HTL-0084-0611-08** issued by Hurricane Test Laboratory, Inc., dated 9/11/08, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA# 08-1020.10)

G. OTHERS

1. Notice of Acceptance No. **08-1020.10**, issued to Diebold Incorporated for their Series "SV-5050-HW Drive-Up" Aluminum Fixed Window – L.M.I., approved on 12/18/08 and expiring on 12/18/13.

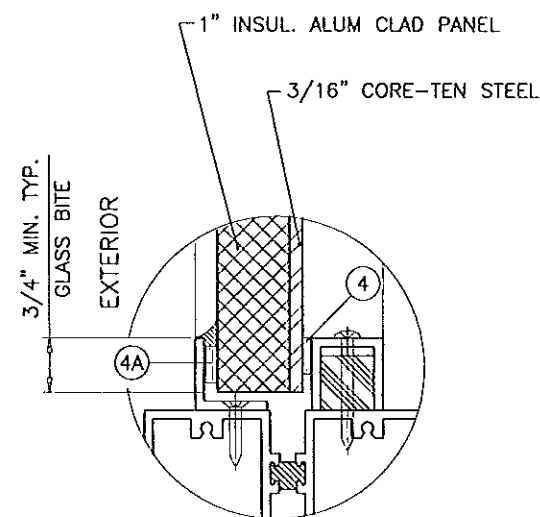

Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-1024.01

Expiration Date: December 18, 2018
Approval Date: December 19, 2013



GLASS DETAIL

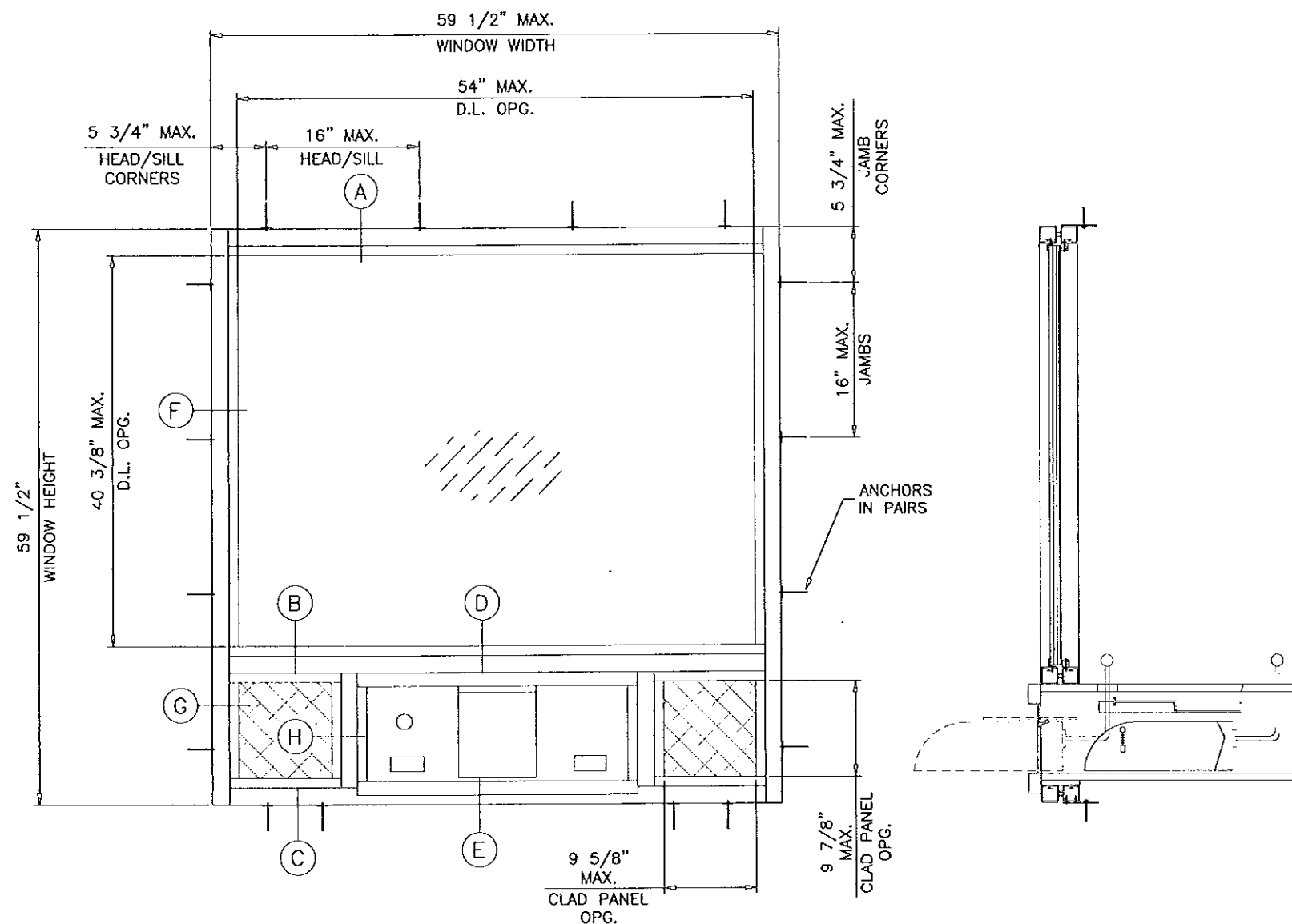
1-5/16" OVERALL LAM. BULLET RESISTANT GLASS



CLAD PANEL DETAIL

1-3/16" OVERALL PANEL

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS).



TYPICAL ELEVATION
TESTED UNIT

SERIES SV-5050-HW
ALUMINUM COMMERCIAL DRIVE-UP WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE
COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER
MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY
APPROVED MULLIONS IN BETWEEN.
LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL
WILL APPLY TO ENTIRE SYSTEM.

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS
SHOWN ABOVE.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY
HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER
LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE
NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		1-5/16" LAM. GLASS	
WIDTH	LENGTH	EXT.(+)	INT.(-)
59-1/2"	59-1/2"	80.0	80.0
56"	62"	80.0	80.0
53"	65"	80.0	80.0
50"	68"	80.0	80.0

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

Engr: JAVAD AHMAD
CML
FLA. PE # 70592
C.A.N. 3538

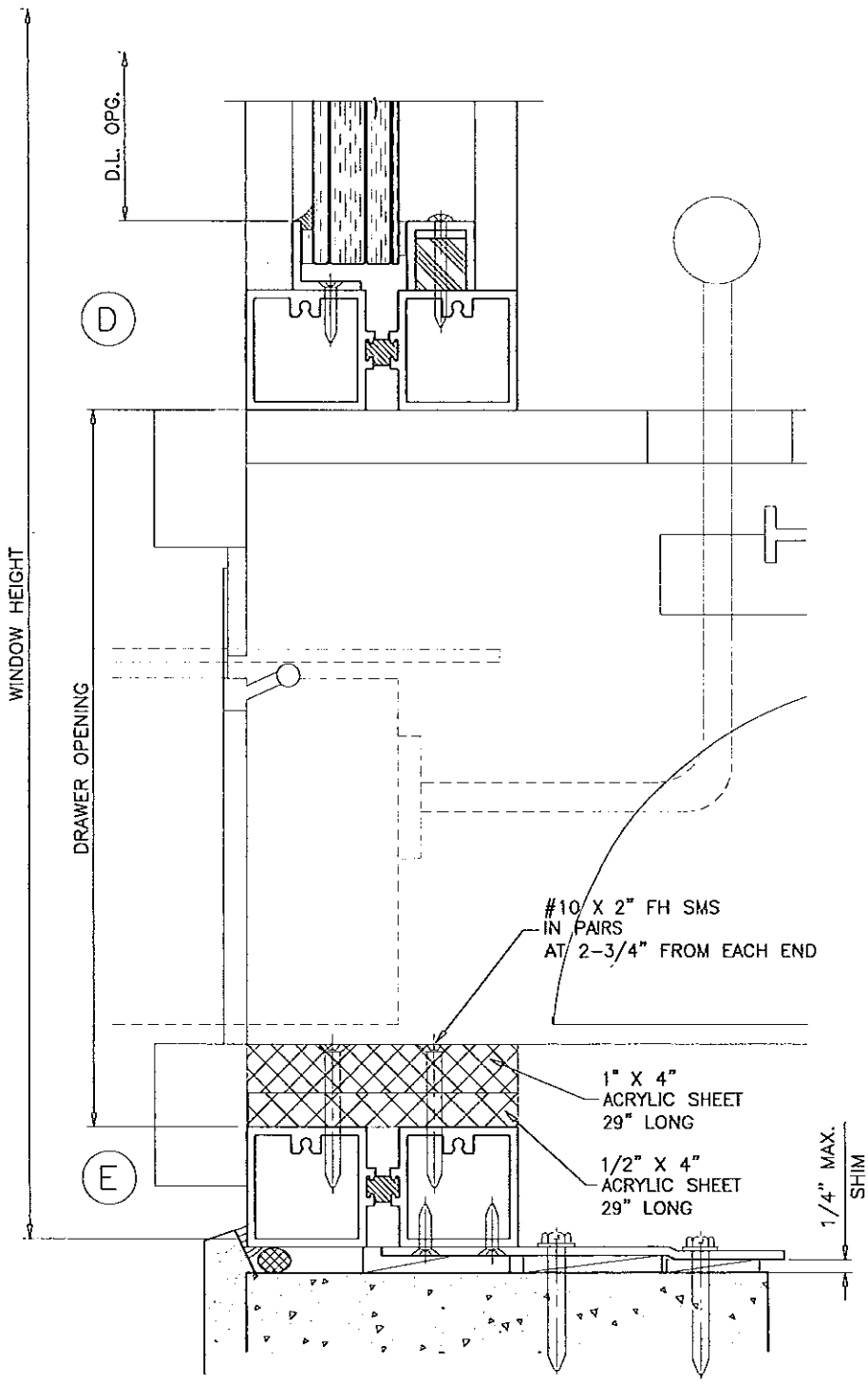
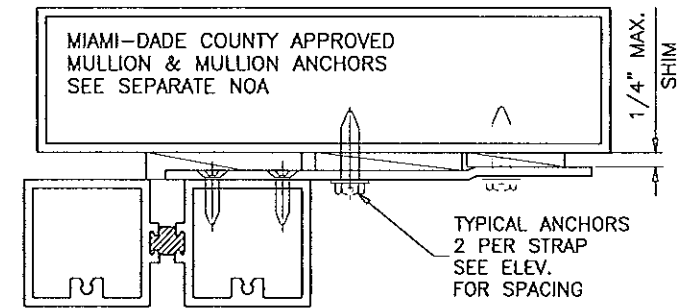
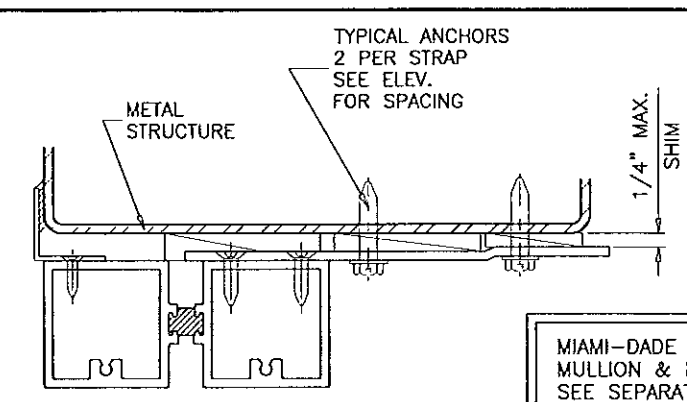
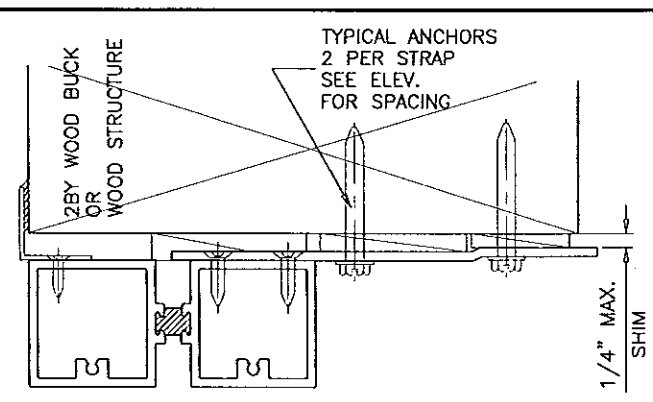
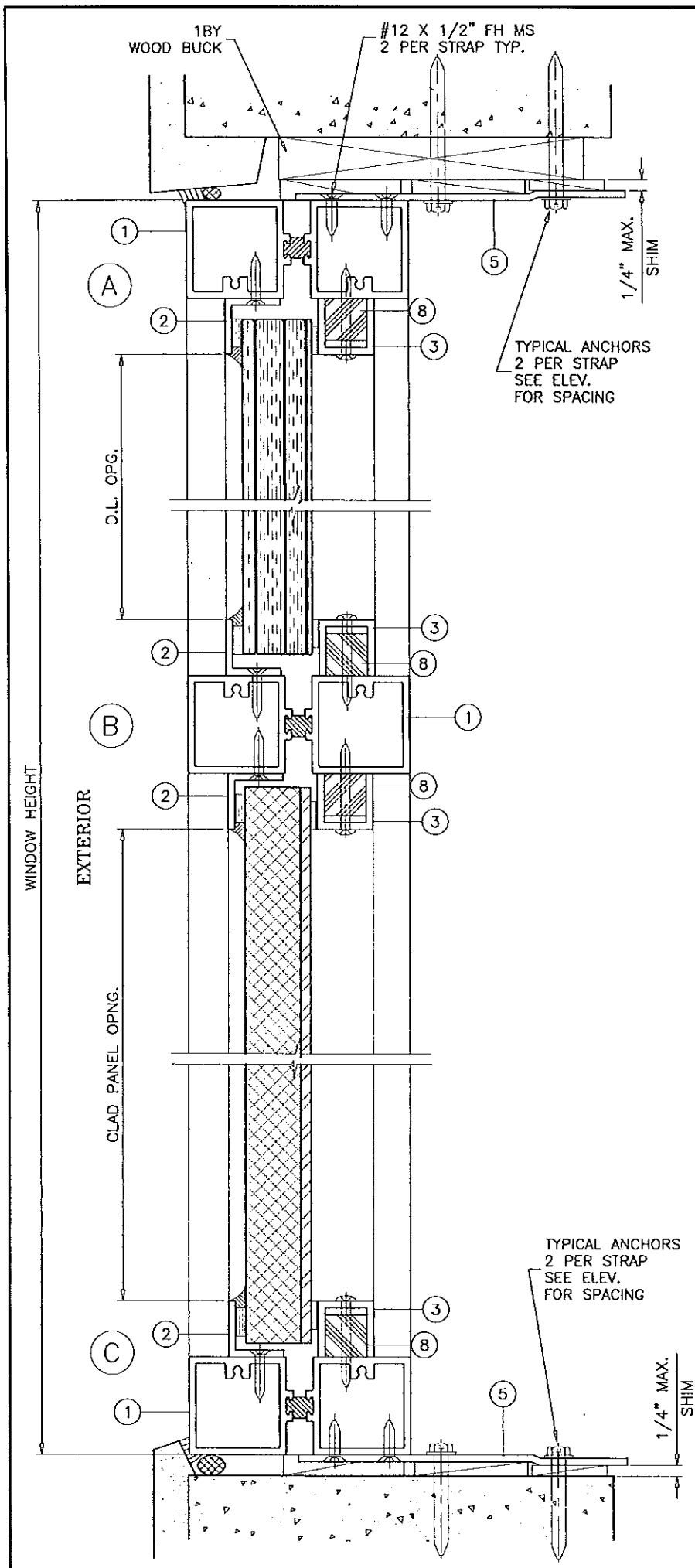
2013

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-1024-01
Expiration Date Dec 18, 2018
By Manuel Pera
Miami Dade Product Control

SV-5050-HW ALUM DRIVE-UP WINDOW (L.M.I.)
DEBOLD INCORPORATED
818 MULBERRY ROAD, S.E.
CANTON, OH. 44707-3256
TEL (330) 489-4114 FAX (330) 489-4140

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W08-82DBI

revisions:	no	date	by	description
	A	09.05.13		UPDATED TO 2010 FBC
date:	09-24-08	scale:	3/4"=1'-0"	
dr.	by: HAMID	chk.	by:	
drawing no.	W08-82			
sheet 1 of	5			



WOOD BUCKS AND METAL STRUCTURE NOT BY DIEBOLD MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD
 THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
 DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
 #14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
 INTO METAL STRUCTURES
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 1-1/4" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

ANCHORS CL TO CL DISTANCE
 INTO CONCRETE AND MASONRY = 1-3/4" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

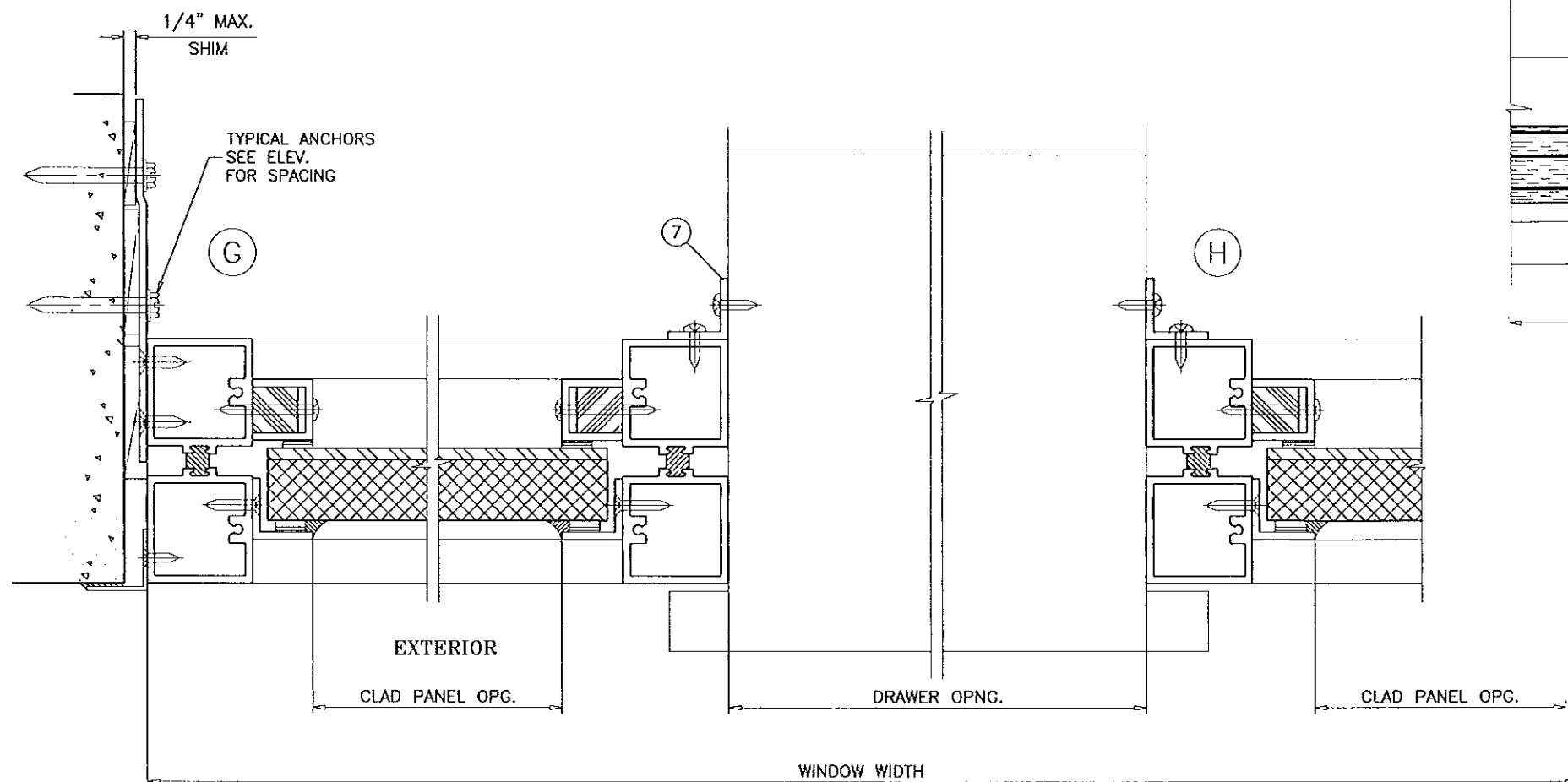
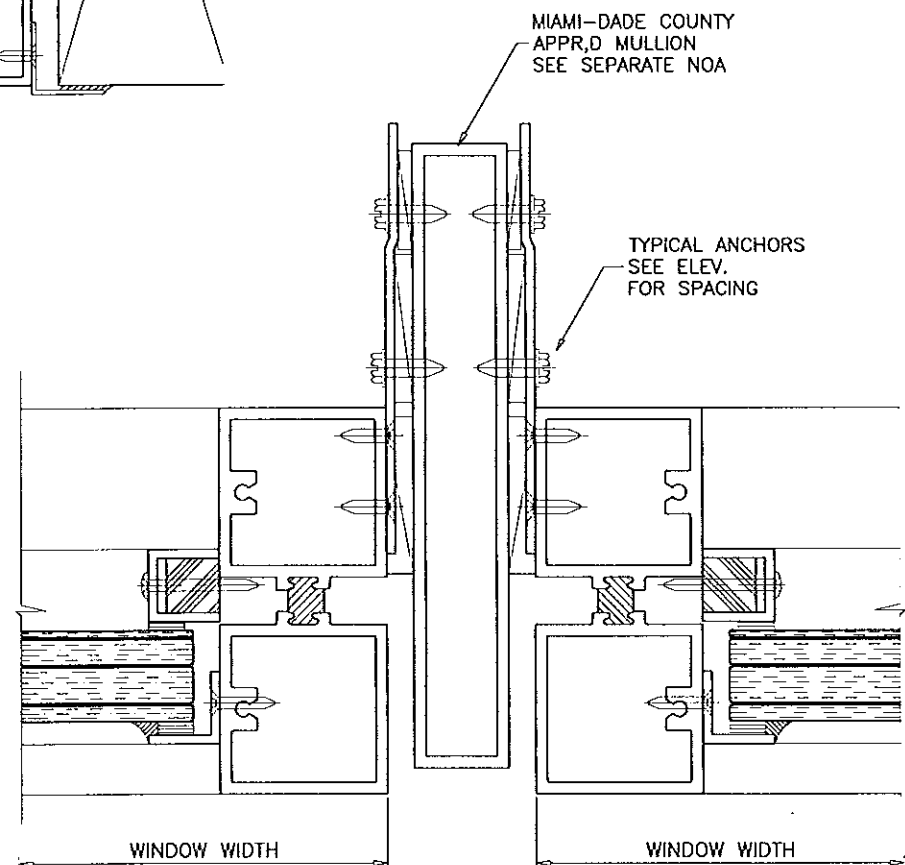
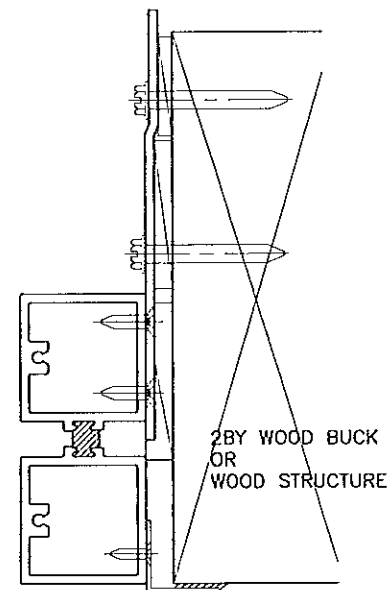
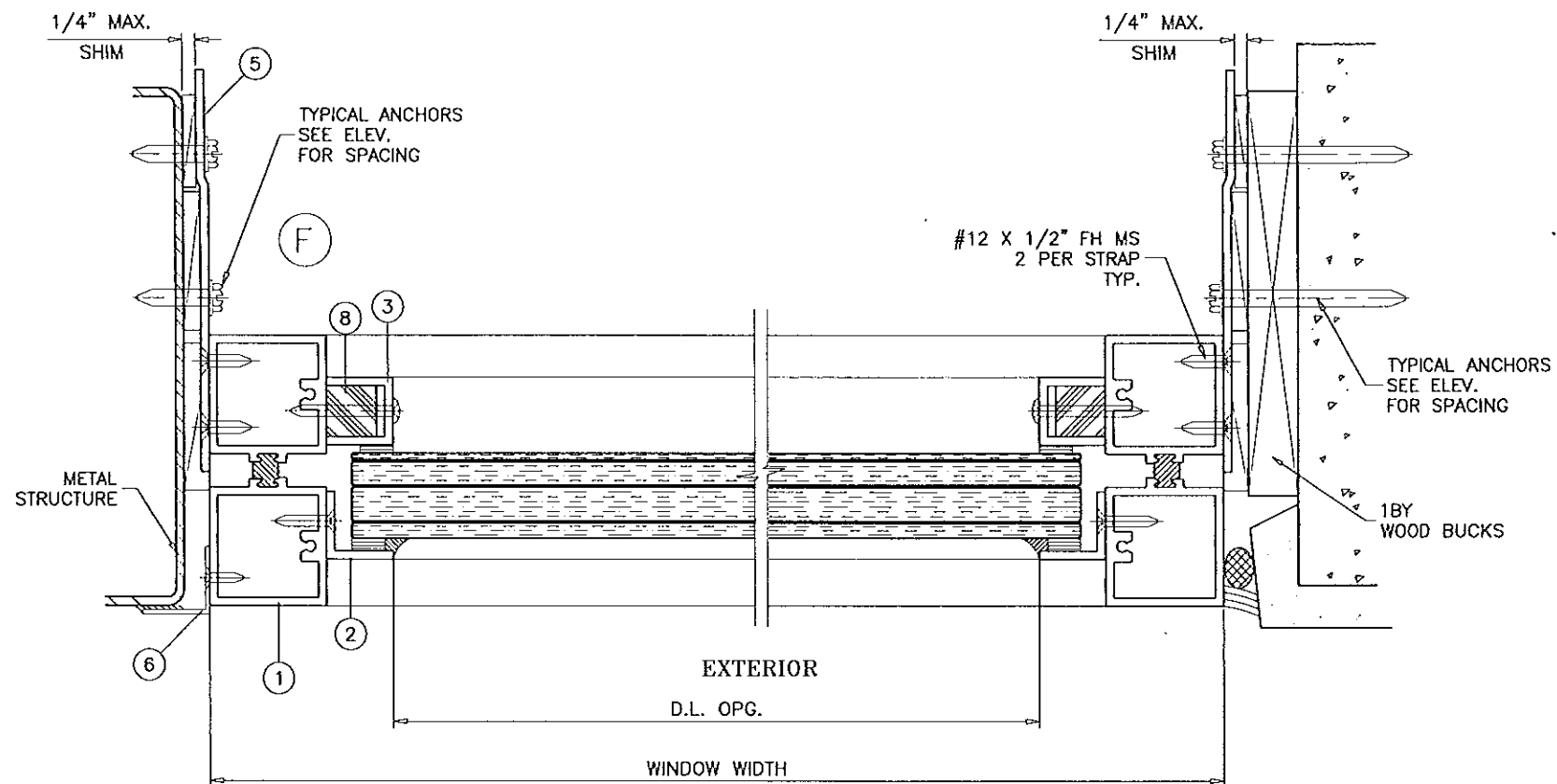
Engr. JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 2013

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 13-1024-01
 Expiration Date Dec 18, 2018
 By *Manuel Perez*
 Miami Dade Product Control

afC
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W08-82DBI

SV-5050-HW ALUM DRIVE-UP WINDOW (L.M.I.)
DIEBOLD INCORPORATED
 818 MULBERRY ROAD, S.E.
 CANTON, OH. 44707-3256
 TEL. (330) 489-4114 FAX. (330) 489-4140

revisions:		by description
no	date	NO CHANGE THIS SHEET
A	09.05.13	
date:	09-24-08	
scale:	3/8" = 1"	
dr. by:	HAMID	
chk. by:		
drawing no.	W08-82	
sheet 2 of	5	



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

OCT 10 2013

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-1024-01
Expiration Date Dec 18, 2018
By *Manuel Perez*
Miami Dade Product Control

afC

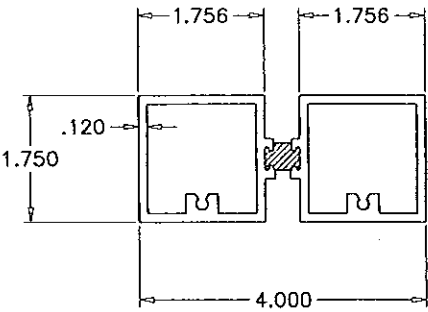
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W08-82DBI

SV-5050-HW ALUM DRIVE-UP WINDOW (L.M.I.)
DEBOLD INCORPORATED
818 MULBERRY ROAD, S.E.
CANTON, OH, 44707-3256
TEL. (330) 489-4114 FAX. (330) 489-4140

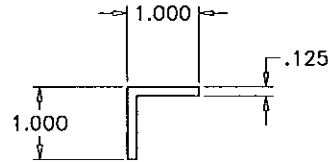
revisions:
no. 1
date 09.05.13
by description
A NO CHANGE THIS SHEET

date: 09-24-08
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

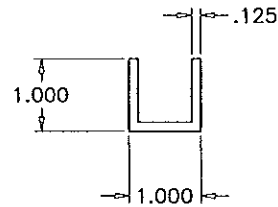
drawing no.
W08-82
sheet 3 of 5



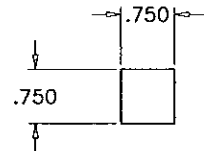
① WINDOW FRAME



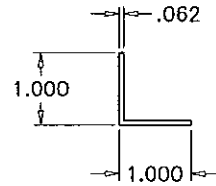
② EXTERIOR GLASS STOP ANGLE
⑦ DRAWER ATTACHMENT ANGLE



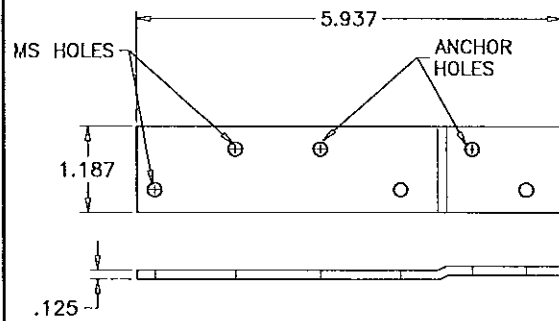
③ INTERIOR GLASS STOP CHANNEL



⑧ GLASS STOP CHANNEL FILLER

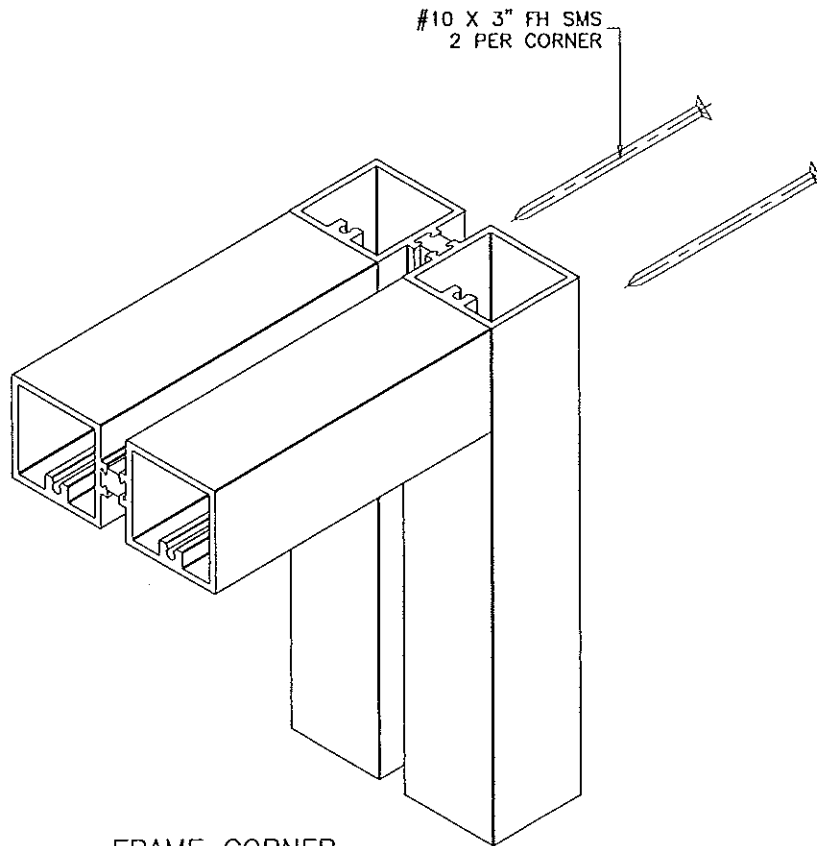


⑥ DECORATIVE ANGLE



⑤ ANCHOR STRAP

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E5171	AS REQD.	WINDOW FRAME	6063-T5	-
2	E0191	AS REQD.	EXTERIOR GLASS STOP ANGLE	6063-T5	-
3	E0199	AS REQD.	INTERIOR GLASS STOP CHANNEL	6063-T5	-
4	FT-1812B	AS REQD.	1/8" X 1/2" FOAM TAPE (INTERIOR)	-	CRL #74418X12BL
4A	GT-31612B	AS REQD.	3/16" X 1/2" GLAZING TAPE (EXTERIOR)	-	TREMCO POLYSHIM II
5	SAP-1	AS REQD.	ANCHOR STRAP	STEEL	KELLY TOOL #BP-459
6	-	OPTIONAL	DECORATIVE ANGLE COVER (1 X 1 X 1/16")	ALUMINUM	-
7	E0191	-	DRAWER ATTACHMENT ANGLE (1 X 1 X 1/8")	6063-T5	-
8	-	AS REQD.	GLASS STOP CHANNEL FILLER	ALUMINUM	-



FRAME CORNER

SEALANTS:

ALL FRAME JOINTS AND CONNECTIONS SEALED WITH DOW CORNING 995 SILICONE.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-1024-01
Expiration Date Dec 18, 2018
By *Manuel Perez*
Miami Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W08-82DBI

SV-5050-HW ALUM DRIVE-UP WINDOW (L.M.I.)
DIEBOLD INCORPORATED
818 MULBERRY ROAD, S.E.
CANTON, OH. 44707-3256
TEL. (330) 489-4114 FAX. (330) 489-4140

revisions:	no	date	by	description
	A	08.05.13		NO CHANGE THIS SHEET
date:	08-24-08	scale:	3/8" = 1"	
dr. by:	HAMID	chk. by:		
drawing no.	W08-82	sheet 4 of	5	

